TransPort® WR11

Wireless Routers
EVDO Model
HSPA+ Model
LTE Model

Installation Guide

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Preface

This guide describes the installation and configuration procedure for the Digi TransPort WR family of routers. It is intended to provide sufficient information to be able to connect the device to terminal equipment and power it on. A complete reference guide to the software features that are available on the product is available separately in PDF format and can be downloaded from the Digi International web site (www.digi.com).

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Safety Notices

1. Please read all instructions before installing and powering the device. You should keep these instructions in a safe place for future reference.
2. If the power supply shows signs of damage or malfunction, stop using it immediately, turn off the power and disconnect the power supply before contacting your supplier for a repair or replacement.
3. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Use only the accessories, attachments, and power supplies provided by the manufacturer – connecting non-approved antennas or power supplies may damage the device, cause interference or create an electric shock hazard, and will void the warranty.
4. Do not attempt to repair the product. The device contains no electronic components that can be serviced or replaced by the user. Any attempt to service or repair the device by the user will void the product warranty.
5. Products in the TransPort WR® family are designed for indoor use (except for the WR44 R) and should be used in an environment that is suitable for computers and other electronic equipment.
6. Ports that are capable of connecting to other apparatus are defined as SELV ports. To ensure conformity with IEC60950 ensure that these ports are only connected to ports of the same type on other apparatus.

Product Disposal Instructions

The WEEE (Waste Electrical and Electronic Equipment: 2002/96/EC) directive has been introduced to ensure that electrical/ electronic products are recycled using the best available recovery techniques to minimize the impact on the environment.

This product contains high quality materials and components which can be recycled. At the end of its life this product MUST NOT be mixed with other commercial waste for disposal. Check with the terms and conditions of your supplier for disposal information.

Digi International Ltd WEEE Registration number: WEE/HF1515VU

Special Notes on Safety for Wireless Routers

Digi International products are designed to the highest standards of safety and international standards compliance for the markets in which they are sold. However, cellular-based products contain radio devices which require specific consideration. Please take the time to read and understand the following guidance. Digi International assumes no liability for an end user's failure to comply with these precautions.

Wireless routers incorporate a wireless radio module. Users should ensure that the antenna(s) is (are) positioned at least 20 cms away from themselves and other persons in normal operation.

When in a hospital or other health care facility, observe the restrictions on the use of mobile phones. Do not use the device in areas where guidelines posted in sensitive areas instruct users to switch off mobile phones. Medical equipment may be sensitive to RF energy.

The operation of cardiac pacemakers, other implanted medical equipment and hearing aids can be affected by interference from cellular terminals such as the wireless routers when places close to the device. If in doubt about potential danger, contact the physician or the manufacturer of the device to verify that the equipment is properly shielded. Pacemaker patients are advised to keep the wireless router away from the pacemaker while it is on.

Wireless routers must NOT be operated on aircraft. The operation of wireless appliances in an aircraft is forbidden to prevent interference with communications systems. Failure to observe these instructions may lead to the suspension or denial of cellular services to the offender, legal action, or both.

As with any electrical equipment, do not operate the device in the presence of flammable gases, fumes or potentially explosive atmospheres. Radio devices should not be used anywhere that blasting operations are taking place.

Wireless routers receive and transmit radio frequency energy when power is on. Interference can occur if used close to TV sets, radios, computers or inadequately shielded equipment. Follow any special regulations and always power off your device wherever forbidden or when it may cause interference or danger.

SOS IMPORTANT! - Wireless routers operate using radio signals and cellular networks cannot be guaranteed to connect in all possible conditions. Therefore, never rely solely upon any wireless device for life critical communications.

Warning: For environments where the temperature is 55° C or above, this device must be installed in a restricted access area.

Table of Contents

Introduction to the Digi TransPort WR11 6

Digi TransPort WR11 EVDO Model Specifications 6

Digi TransPort WR11 HSPA+ Model Specifications 7

Digi TransPort WR11 LTE-MIMO Model Specifications 8

Digi TransPort WR11 Configuration 10

Digi TransPort WR11 Network Settings 10

Digi TransPort WR11 Web Interface 10

Digi TransPort WR11 Command Line Interface (CLI) 13

Troubleshooting the Digi TransPort WR11 Configuration 15

Troubleshooting Resources for Digi TransPort WR11 15

Unable to Open the TransPort WR11 Web Interface 16

Unable to Log in to the Digi TransPort WR11 Web Interface 16

Troubleshooting the LTE-MIMO Antenna Orientation 16

Appendix A Digi TransPort WR11 Hardware Specifications 19

Appendix B Digi TransPort WR11 Accessories 20

Digi TransPort WR11 AC Power Supplies 20

Digi TransPort WR11 Cables 20

Digi TransPort WR11 Antennas - Cellular 20

Appendix C Digi TransPort WR11 Certifications 21

International EMC (Electromagnetic Emissions/Immunity/Safety) Standards 21

FCC certifications and regulatory information (USA only) 21

Industry Canada (IC) certifications 22

Introduction to the Digi TransPort WR11

Digi TransPort WR11 is a full-featured, cellular router offering the flexibility to scale from basic connectivity applications to enterprise class routing and security solutions. With its high performance architecture, Digi TransPort WR11 is designed for Wide Area Network connectivity including 2.5G, 3G and 4G networks.

Digi TransPort WR11 offers advanced routing, security and firewall features including stateful inspection firewall and integrated VPN. Enterprise class protocols incorporate BGP, OSPF and VRRP+, a patented technology built upon the popular VRRP failover standard providing true auto sensing, auto failure and auto recovery of any line drop.

Digi TransPort WR11 EVDO Model Specifications

1. LAN: This Ethernet port connects the device to a 10/100 base-T Local Area Network (LAN). The port is capable of auto-sensing for speed and wiring, so it can accept both straight-through or cross-over cable connections.
2. Power Cord Input: This locking power connector connects the device to a power source. The connector should be inserted and rotated to lock in place.
3. LED Status Indicator - SERVICE: Blinks to show the device's current network mode.
    - Off: No cellular service
    - 1 Blink: 1xRTT
    - 2 Blinks: EVDO Rev 0
    - 3 Blinks: EVDO Rev A
4. LED Status Indicator - SIGNAL: This LED illuminates steadily when there is a network connection to the WWAN interface and flashes when data is transmitted or received.
    - Green: Signal strength >= -86dBm
    - Amber: Signal strength between -87dBm and -101dB
5. LED Status Indicator - POWER: This LED illuminates steadily when power is connected.
    - Green: Device on
    - Off: No power
6. Cellular Antenna Connector: This SMA female connector connects the device's primary cellular antenna.

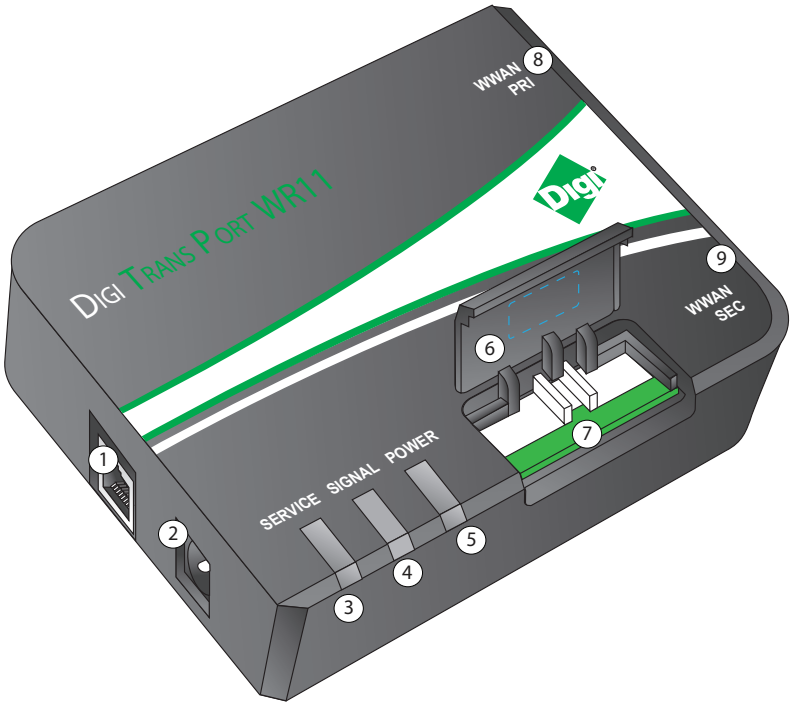
Digi TransPort WR11 HSPA+ Model Specifications

1. LAN: This Ethernet port connects the device to a 10/100 base-T Local Area Network (LAN). The port is capable of auto-sensing for speed and wiring, so it can accept both straight-through or cross-over cable connections.
2. Power Cord Input: This locking power connector connects the device to a power source. The connector should be inserted and rotated to lock in place.
3. LED Status Indicator - SERVICE: This LED blinks to show the device's current network mode.
    - Off: No cellular service
    - 1 Blink: GPRS mode
    - 2 Blinks: EDGE mode
    - 3 Blinks: UMTS mode
    - 4 Blinks: HSDPA mode
    - 5 Blinks: HSUPA mode
4. LED Status Indicator - SIGNAL: This LED illuminates steadily when there is a network connection to the WWAN interface and flashes when data is transmitted or received.
    - Green: Signal strength >= -86dBm
    - Amber: Signal strength between -87dBm and -101dBm
5. LED Status Indicator - POWER: This LED illuminates steadily when power is connected.
    - Green: Device on
    - Off: No power
6. SIM Door: Encloses the SIM sockets. The SIM door must be removed to install the SIM cards For installation details, refer to the Quick Start Guide that came with your device.

Note: To remove the SIM door, hold the device on a flat surface and using a screwdriver, firmly pull the cover straight up.

7. SIM Sockets: SIM 1 and SIM 2 are for use with the Subscriber Identification Module(s) (SIMs).
8. Cellular Antenna Connector: This SMA female connector connects the device's primary cellular antenna.

Digi TransPort WR11 LTE-MIMO Model Specifications



1. LAN: This Ethernet port connects the device to a 10/100 base-T Local Area Network (LAN). The port is capable of auto-sensing for speed and wiring, so it can accept both straight-through or cross-over cable connections.
2. Power Cord Input: This locking power connector connects the device to a power source. The connector should be inserted and rotated to lock in place.
3. LED Status Indicator - SERVICE: This LED blinks to show the device's current network mode.
    - Off: No cellular service
    - 1 Blink: GPRS mode
    - 2 Blinks: EDGE mode
    - 3 Blinks: UMTS mode
    - 4 Blinks: HSDPA mode
    - 5 Blinks: HSUPA mode
    - 6 Blinks: LTE mode
4. LED Status Indicator - SIGNAL: This LED illuminates steadily when there is a network connection to the WWAN interface and flashes when data is transmitted or received.
    - Green: Signal strength >= -86dBm
    - Amber: Signal strength between -87dBm and -101dBm
5. LED Status Indicator - POWER: This LED illuminates steadily when power is connected.
    - Green: Device on
    - Off: No power
6. SIM Door: Encloses the SIM sockets. The SIM door must be opened to install the SIM cards. For installation details, refer to the Quick Start Guide that came with your device.

Note: To open the SIM door, slide the SIM door out and lift it up using your finger.

7. SIM Sockets: SIM 1 and SIM 2 are for use with the Subscriber Identification Module(s) (SIMs).

8. Primary LTE Antenna Connector: This SMA female connector connects the device's primary cellular antenna.
9. Secondary LTE Antenna Connector: This SMA female connector connects the device's secondary cellular antenna.

Digi TransPort WR11 Configuration

Once you have installed and powered up the device, you need to configure it to communicate with the LAN or WAN. You can configure the device either using the Command Line Interface (CLI) or the Web Interface. The recommended configuration option is the Web Interface, which you can access via a web browser such as Firefox, Internet Explorer or Chrome.

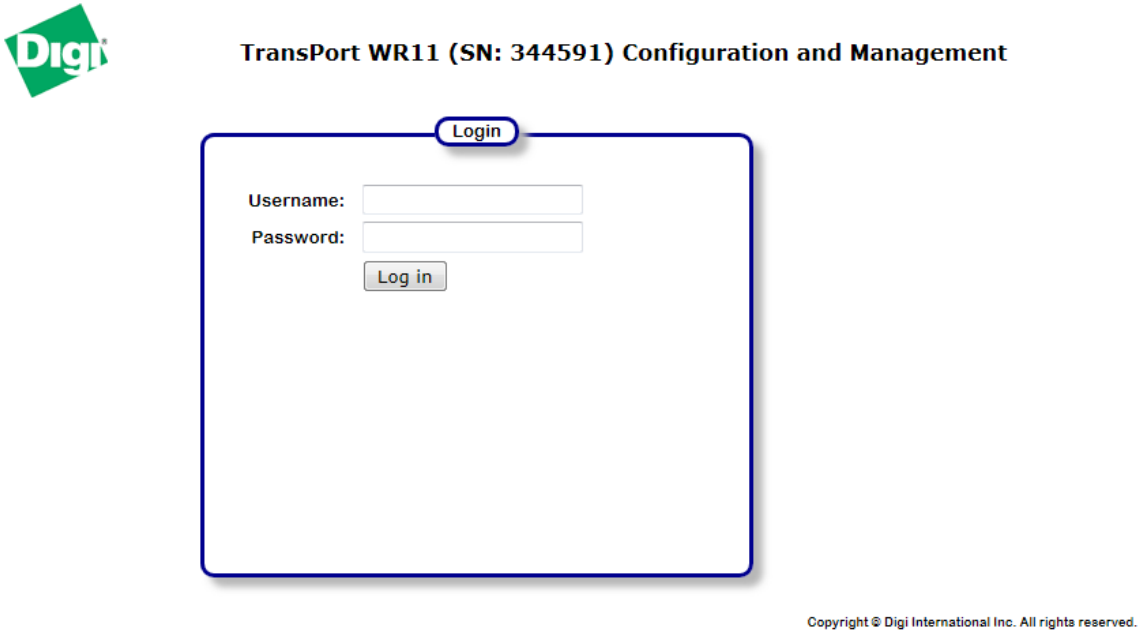
Note: You will not be able to use the device for remote communication until you have subscribed to a suitable mobile/cellular wireless network service.

Digi TransPort WR11 Network Settings

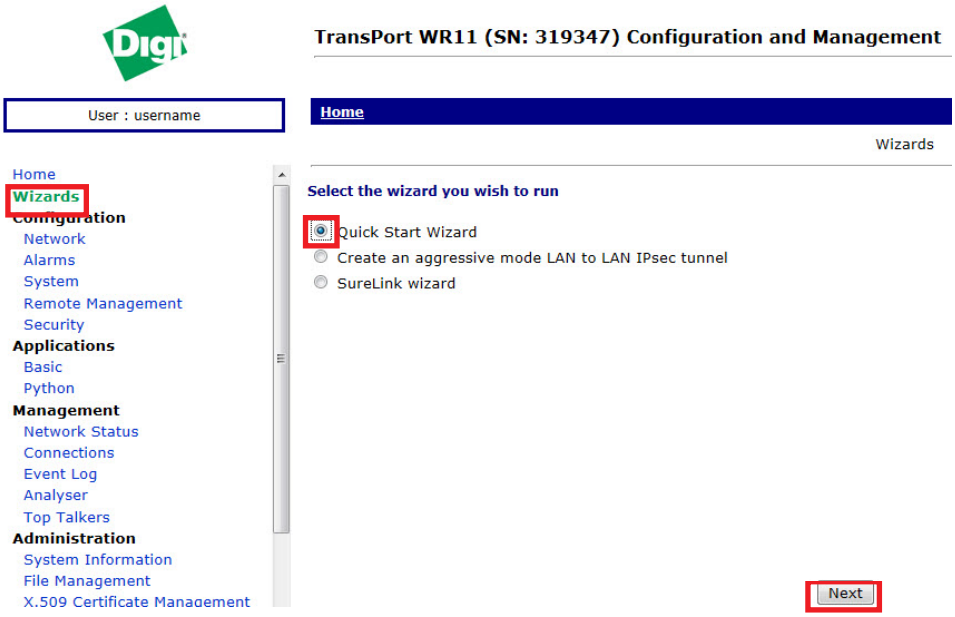
The default IP address for the LAN port is 192.168.1.1 with a subnet mask of 255.255.255.0. The device has a DHCP server enabled by default which can assign an appropriate IP address to your PC if the PC is configured to get an IP address automatically. Alternatively, you can manually configure your PC to be on the 192.168.1.x network, for example, with an IP address of 192.168.1.2 and subnet mask of 255.255.255.0. Take care to ensure that the device does not conflict with other devices that may already be on the network.

Digi TransPort WR11 Web Interface

1. **Connect to the Web Interface:** Open a Web browser (such as Firefox, Internet Explorer, Chrome) on your PC and navigate to http://192.168.1.1. If successful, you will be prompted to enter a username and password. The default username is *username*, and the default password is *password*. After you have logged in, it is strongly recommended that you immediately change the default username and password.



2. **Configure the Device**: The router provides built-in wizards, including a Quick Start Wizard, for easy LAN configuration. The Quick Start Wizard allows you to configure the following:
   - LAN IP settings
   - DHCP server

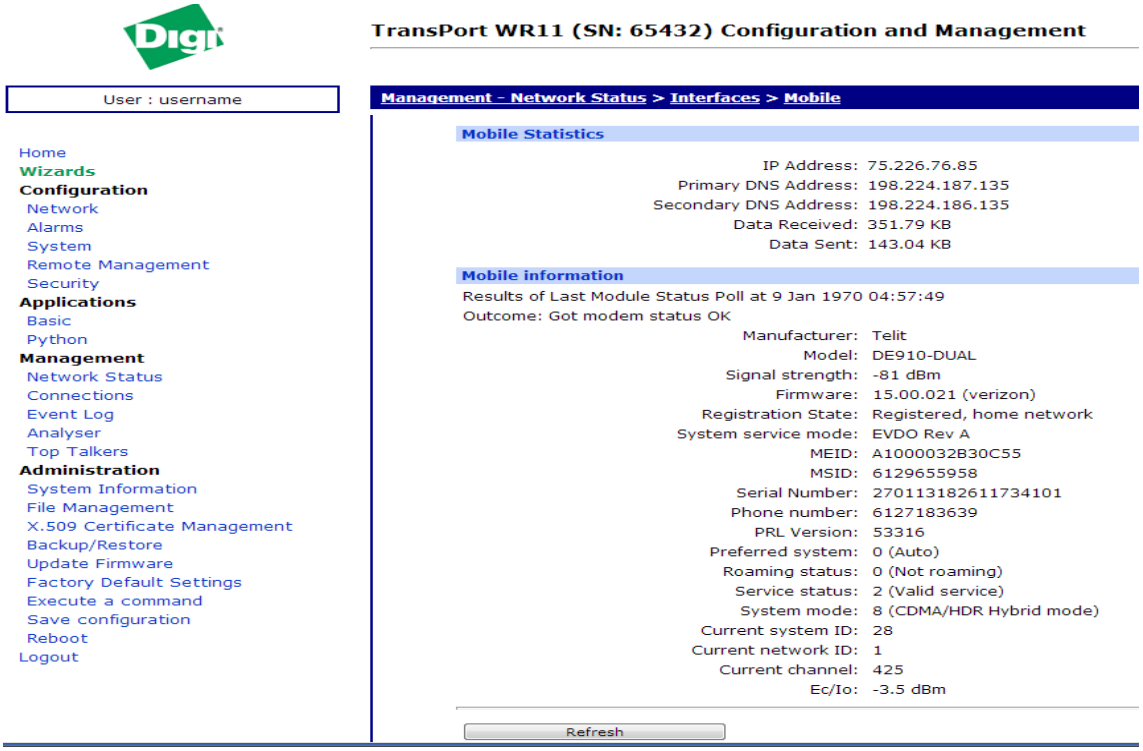


Digi TransPort WR11 Provisioning

CDMA provisioning is different from GSM since CDMA (in most cases) does not use a SIM card. The CDMA module provisioning process creates a CDMA data connection to the mobile carrier network. This authenticates the modem and retrieves account information which is written to flash memory on the CDMA module itself, not the Digi's configuration file. Mobile account information is stored on the CDMA module. Therefore, you cannot remove provisioning information from the CDMA module by performing a factory reset on the TransPort WR11 device.

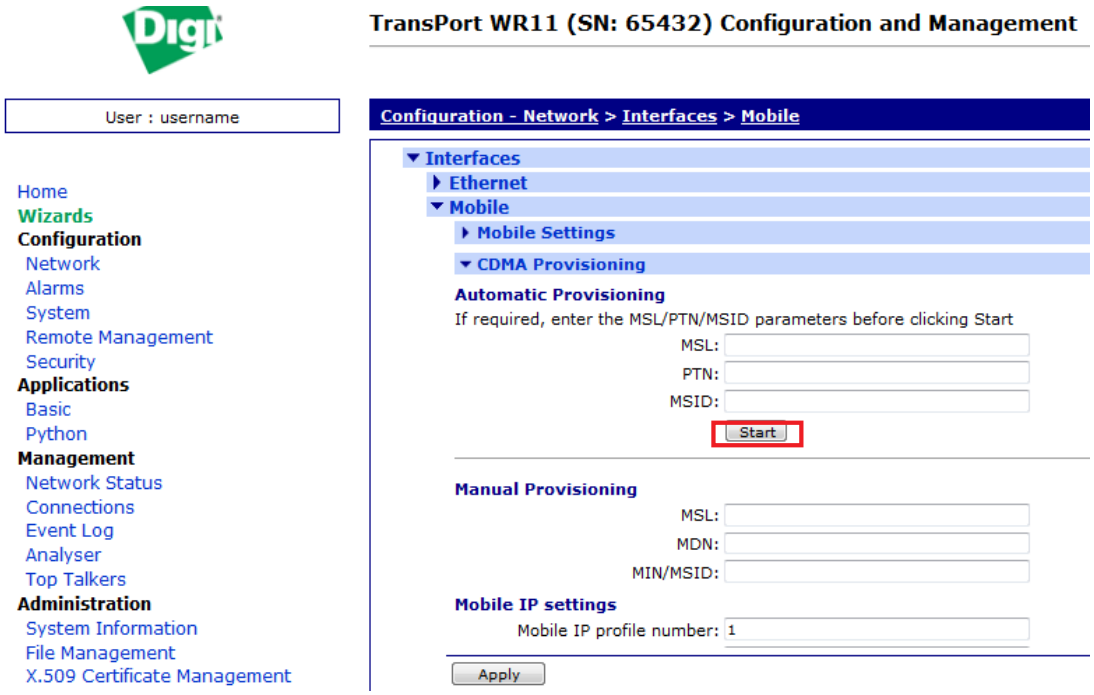
If provisioning fails (the device does not obtain a phone number), contact the carrier and verify that the device has an active account. You will need to provide the MEID of the device which is available under Management - Network Status > Interfaces > Mobile.

The status of a successfully provisioned CDMA module is shown in the following image. Note that the device has obtained a phone number.



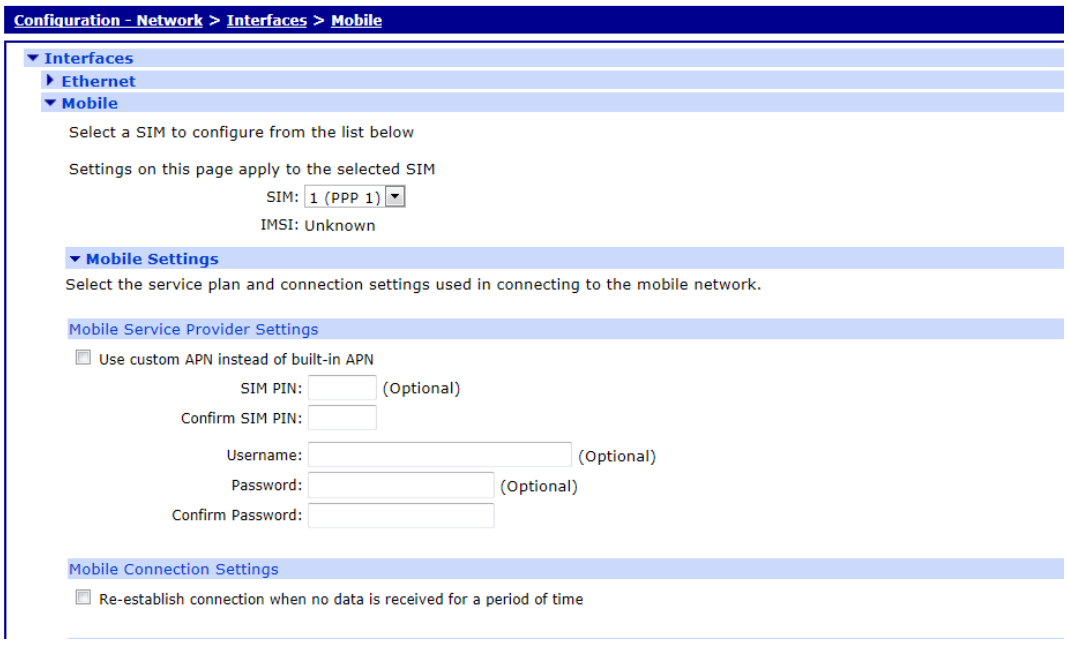
Verizon Provisioning

For a Verizon device, press the Start button under CDMA Provisioning (Configuration - Networks > Interface > Mobile) leaving the fields blank as shown in the following image.



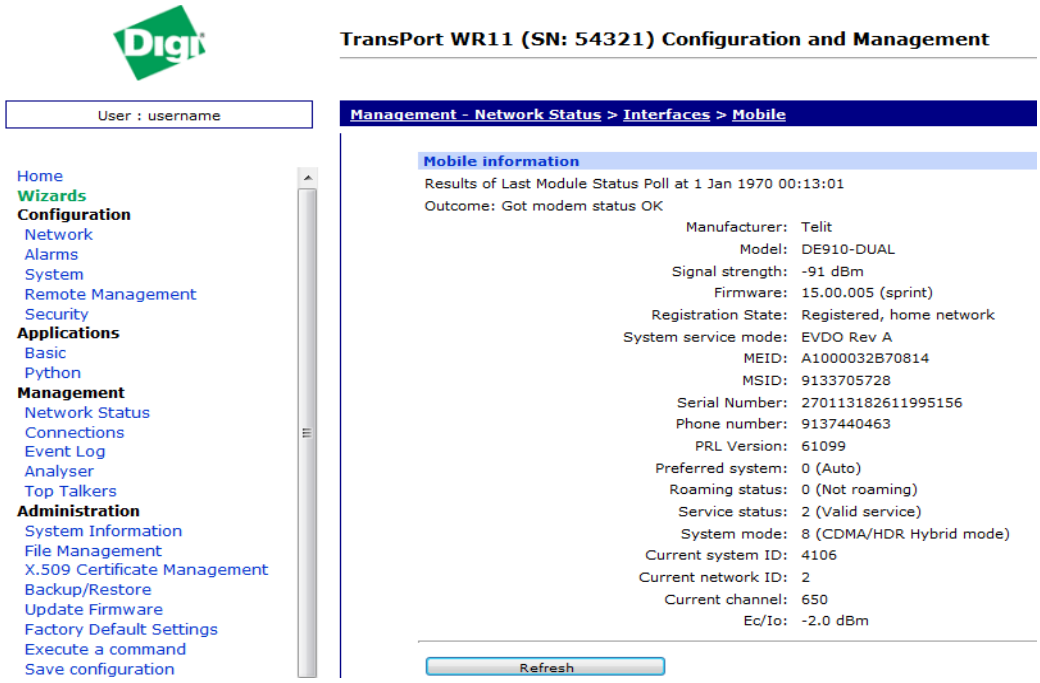
Verizon LTE Configuration

If using a Verizon LTE module (WR11-L800 or WR11-L900) and a standard Verizon LTE SIM, the device will connect by default. If using a custom SIM, regardless of module type, select **Use custom APN instead of built-in APN** under the Mobile Service Provider Settings, and enter the apn name (as an example, *your.apn.com*).


Configuration - Network > Interfaces > Mobile
Interfaces
Ethernet
Mobile
Select a SIM to configure from the list below
Settings on this page apply to the selected SIM
SIM: 1 (PPP 1)
IMSI: Unknown
Mobile Settings
Select the service plan and connection settings used in connecting to the mobile network.
Mobile Service Provider Settings
Use custom APN instead of built-in APN
SIM PIN: (Optional)
Confirm SIM PIN:
Username: (Optional)
Password: (Optional)
Confirm Password:
Mobile Connection Settings
Re-establish connection when no data is received for a period of time

Sprint Provisioning

A Sprint device will automatically start the provisioning process when you power the device on. This process may take several minutes to complete. If it has sufficient cellular signal strength, a successfully provisioned device will obtain a mobile phone number, as shown in the following image.



Note: To maintain a reliable cellular connection, it is recommended that you enable Dead Link Detection on the mobile interface. The SureLink Wizard, located in the Wizard section of the WebUI, will walk you through the configuration. For additional information on this feature, refer to Application Note AN07 available at www.digi.com/support.

Digi TransPort WR11 Cellular Configuration (GSM)

To configure the Mobile interface on GSM routers (GPRS/UMTS/HSPA), make sure an activated SIM is installed in SIM slot 1 and perform the following steps:

1. Browse to Configuration - Network > Interfaces > Mobile > Mobile Settings.
2. Enter the Service Plan / APN provided by your mobile carrier.
3. Enter optional information such as Username, Password and/or SIM PIN as required by your cellular provider.
4. Click Apply and Save All.
5. If the TransPort does *not* obtain a MobileIP address as displayed on the home page, refer to Application Note QN02 and other documentation at www.digi.com/support.
6. To maintain a reliable cellular connection, it is recommended to enable Dead Link Detection on the mobile interface. The SureLink Wizard, located in the Wizard section of the WebUI, will walk you through the configuration. For additional information on this feature, refer to Application Note AN07 available at www.digi.com/support.

Digi TransPort WR11 Command Line Interface (CLI)

The Command Line Interface (CLI) can be accessed via Telnet and SSH using the IP address of the device. You can do this using an application such as PuTTY (www.putty.org). Log in using your WR11 username and password.

CLI Notes

- To view the current configuration settings, enter the command `CONFIG C SHOW`.
- To save changes made to the device, enter the command `CONFIG 0 SAVE`.

- All entered commands will take effect immediately.
- All commands supported on the CLI are described in detail in the DigiTransPort User Guide available on the support site.

Digi TransPort WR11 Communications Settings

The default IP address of the device is 192.168.1.1 and it is configured to act as a DHCP server on the Ethernet interface. This means the WR11 will assign an IP address to a network device, such as a PC, connected to the Ethernet interface. The connected device must be configured to obtain an IP address automatically using DHCP.

Digi TransPort WR11 Network Settings

To configure the device with an IP address as part of an existing network, use the following commands.

Note: The DHCP server will still operate unless it is disabled.

Command	Description
`ETH 0 IPADDR XXX.XXX.XXX.XXX`	Sets the Eth 0 IP address
`ETH 0 MASK XXX.XXX.XXX.XXX`	Sets the Eth 0 subnet mask

As an example, to assign the IP address 192.168.10.254/24, enter the following commands.

```
ETH 0 IPADDR 192.168.10.254

ETH 0 MASK 255.255.255.0
```

Notes:

- The IP address configuration takes effect immediately. When you enter the command `ETH 0 IPADDR XXX.XXX.XXX.XXX`, any Telnet or SSH connection gets disconnected. You should be able to reconnect to the new IP address.
- When you set the mask to the above 255.255.255.0 value, it will not appear in the output of the `CONFIG C SHOW` command as it is a default value.

To stop the DHCP server from serving addresses, use the following command.

Command	Description
`DHCP 0 IPMIN 0`	Removes the minimum IP address that will be served via DHCP, disabling the DHCP server

As an example, enter the command `DHCP 0 IPMIN 0` to stop the DHCP server from responding to DHCP requests. To revert to defaults, enter DHCP 0 IPMIN !. The ! variable sets the command back to default setting.

To retain the DHCP server, but on a different subnet, configure the following parameters.

Command	Description
`DHCP 0 IPMIN X.X.X.X`	Minimum IP address to assign, the start of the DHCP pool
`DHCP 0 IPRANGE`	The number of IP addresses in the DHCP pool
`DHCP 0 GATEWAY X.X.X.X`	The IP gateway address the DHCP clients should use (normally this router's LAN IP address)
`DHCP 0 MASK X.X.X.X`	The subnet mask DHCP clients should use
`DHCP 0 DNS XXXX`	The DNS server DHCP clients should use

Troubleshooting the Digi TransPort WR11 Configuration

This section provides information on resources and processes available for troubleshooting your Digi TransPort WR11 device.

Troubleshooting Resources for Digi TransPort WR11

There are several resources available to you for support of your Digi product or resolving configuration difficulties at Digi's Support site, http://www.digi.com/support/. Additional resources are as follows:

1. Digi's Support knowledge base: http://www.digi.com/support/kbase/.
2. Digi TransPort support documents: http://www.digi/support/documentation/.
3. If the knowledge base or support forums do not have the information you need, fill out an Online Support Request via: http://www.digi.com/support/login. You will need to create a user account if one is not already set up.

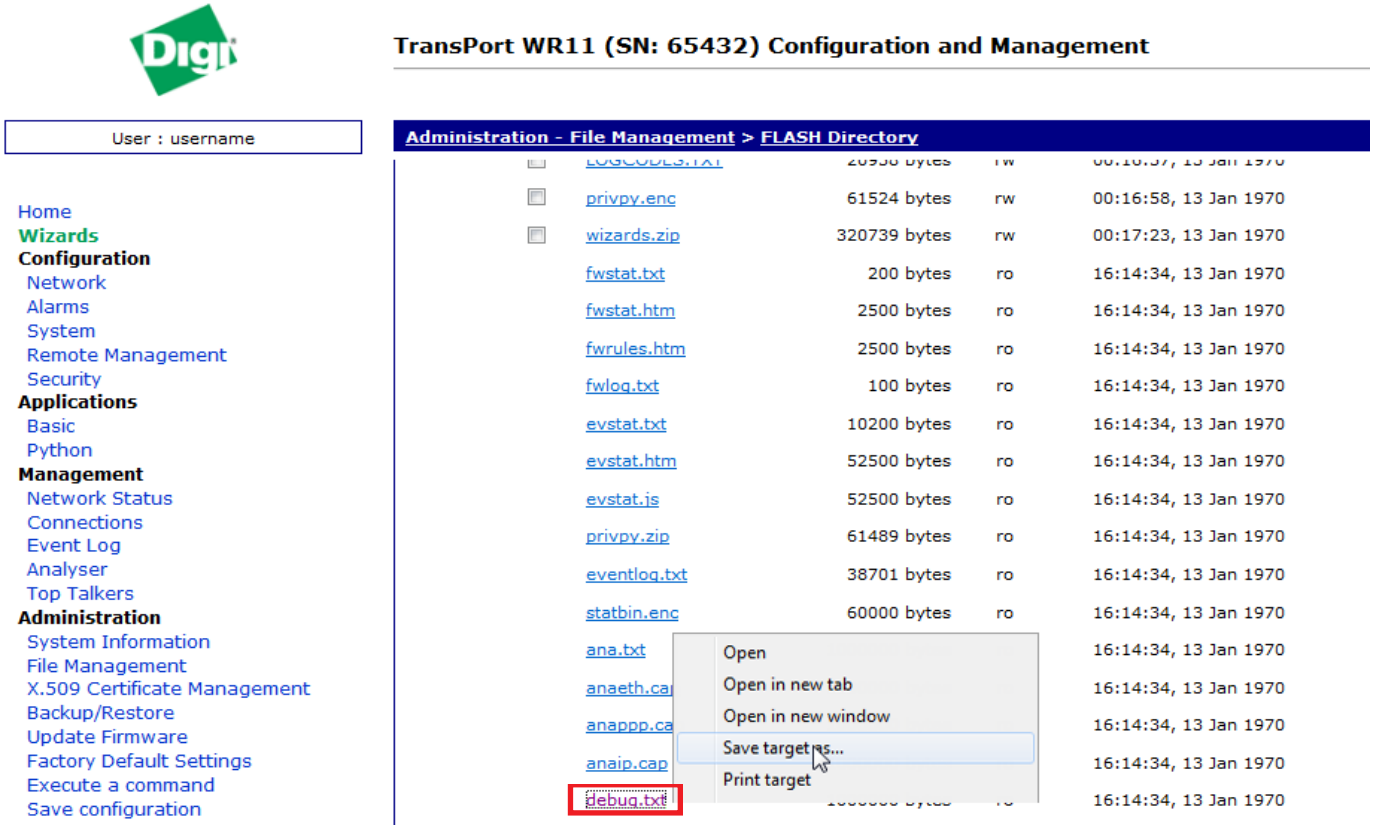
When submitting a support request, please include a copy of the debug.txt file from the device's flash. This will greatly improve the quality of the initial response you receive. Without this file, it is often very difficult for the support team to provide accurate answers to your queries.

Downloading the debug.txt File from Your Digi TransPort WR11

To download the debug.txt file from your Digi TransPort WR11 device:

1. Browse to the router's IP address to connect to the Web Interface.
2. Navigate to Administration - File Management > FLASH Directory.

Note: The debug.txt file is usually the last file listed.



3. Right click on **debug.txt** and click **Save target as**.
4. Send the debug.txt file as an attachment.

There are several ways to download the debug.txt file from Digi TransPort WR44RR device. For additional information on the other methods, view the online document QN24 - Extracting the debug.txt file from a Digi TransPort router.

Unable to Open the TransPort WR11 Web Interface

Ensure that the LAN cable is properly connected to the LAN port and that the LAN status indicator on the front of the device is illuminated. If it is not, then there is a problem with either the LAN cable or the device it is connecting to. If the status indicator is illuminated, check that the PC can communicate with the device. To do this, open the Command Prompt window on your PC and enter the command `ping 192.168.1.1`. If you do not get a response, you may have a connection problem. Try one or more of the following steps to establish a connection.

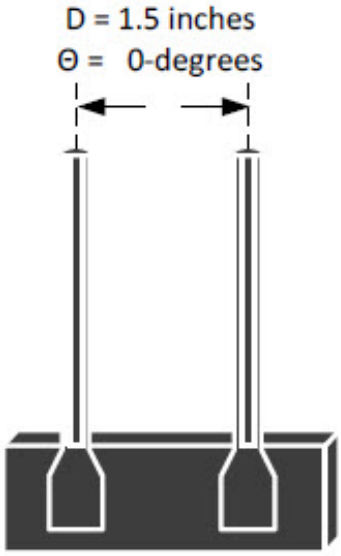
- Use the Digi Device Discovery Tool. The IP address of the WR11 device may have been changed from its default of 192.168.1.1. The Device Discovery Tool can usually discover the device on a network, unless your system's firewall is enabled.
- Check the PC IP configuration. Make sure it is set to obtain an IP address automatically. If not, configure it to automatically obtain the IP address.
- Refresh the PC's IP settings by opening a command window and entering `ipconfig/release` then `ipconfig/renew`.
- Check the PC's LAN connection and any LAN device (such as an Ethernet switch) that connects to the unit. Make sure the PC is connected to the network.
- Clear the PC's ARP cache with the command `arp –d *`, then retry the ping command. If you do get a response but are unable to view the Web Interface, then there is most likely a problem with your web browser configuration.

Unable to Log in to the Digi TransPort WR11 Web Interface

If you are unable to log in to the Web Interface, you will need to access the device via Telnet or SSH in order to configure it using the Command Line Interface (CLI). Please refer to the Digi TransPort User Guide for information on how to use the CLI.

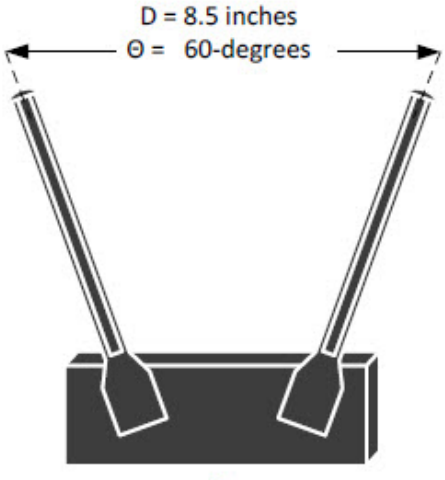
Troubleshooting the LTE-MIMO Antenna Orientation

The two antennas should be separated at the maximum distance possible, taking into consideration the available space of the installation. There should be a minimum distance of 1.5 inches between two antennas as shown in the following image.



For good performance, place the antenna 4.5 inches apart with an orientation of 30 degrees.

For best results, place the antennas 8.5 inches apart with an orientation of 60 degrees.



Inadequate antenna separation between the primary and secondary antennas creates unanticipated behaviors.

These include:

- Reduced antenna efficiency, which limits:
  - Transmit power
  - Receiver sensitivity (RSSI)
  - Data throughput

Inadequate antenna separation can also have negative long-term effects on the cellular radio, reducing overall product lifespan.

Do not place the antennas in the following positions:

Appendix A Digi TransPort WR11 Hardware Specifications

Specifications		Digi TransPort WR11
General Features:		
Dimensions (L x W x H)		3.9” x 5.2” x 1.3” (10 cm x 13.1 cm x 3.2 cm)
Weight		0.85 lbs.
Cellular:		
EDGE		850, 900, 1800, 1900 MHz
GSM		UMTS / HSPA 800/850, 900, 1700 (AWS), 1900, 2100 MHz
CDMA		1xRTT 800, 1900 MHz
EVDO		800, 1900 MHz
LTE – AT&T		700 (B17) / 850 (B5) / AWS1700 (B4) / 1900 (B2)
LTE – Verizon		700 (B13) / AWS1700 (B4)
LTE – Worldwide		800 (B20) / 1800 (B3) / 2600 (B7)
Power Requirements:		
Power input	Voltage	5V dc ± 5%
	Power	3.5W typ, 15W MAX
	Connector	Locking barrel
Environmental:		
Operating temperature		0°C to 40°C required
Relative humidity		5% to 90% (non-condensing)
Storage temperature		-40° C to +80° C
RoHS compliance		Yes
Approvals:		
Mobile certifications - GSM		AT&T & PTCRB
Mobile certifications - EVDO		Sprint & Verizon
Mobile certifications - LTE		AT&T; Verizon; PTCRB
Wireless carrier certifications		Certified by most major carriers.

Appendix B Digi TransPort WR11 Accessories

The following sections provide the list of Digi TransPort WR11 accessories with the corresponding part numbers.

Digi TransPort WR11 AC Power Supplies

AC Power Supplies	Part Number
5V 3.0A 2.5mm Locking, U.S. Plug	76000934
5V 3.0A 2.5mm Locking, International Plug Kit	76002021

Digi TransPort WR11 Cables

Cables	Part Number
RJ45 to RJ45 crossover - 0.5m	76000932
RJ45 to RJ45 - 2m	76000826
RJ45 to RJ45 - 12’	76000828
RJ45 to RJ45 crossover - 12’	76000829
SMA male to SMA female - 5m	76000830
SMA male to SMA female - 10m	76000831
SMA male to SMA female - 15m	76000832

Digi TransPort WR11 Antennas - Cellular

Antennas - Cellular	Part Number
Direct mount, penta band, 2dBi	76002052
Direct mount, dual band, 3dBi	DC-ANT-DBDP3
Direct mount, penta band, 3.0dBi	76000793
Direct Mount, LTE Multi-Band	76000926
Magnet mount, penta band, 2.5dBi	76002051
Magnet mount, dual band, 4.0dBi	DC-ANT-DBHG
Glass mount, quad band, 1.5dBi	76000844
Glass mount, penta band, 0dBd	76000845
Surface/Marine mount, quad band, 0dBi - 2.15dBi	76000864
Surface/Through-hole mount, quad band, 0dBd	76000846
Surface/Through-hole mount, quad band, 3.15dBi	76000847

Appendix C Digi TransPort WR11 Certifications

Digi TransPort WR11 complies with the requirements of the following International Electromagnetic Compatibility (EMC) standards.

International EMC (Electromagnetic Emissions/Immunity/Safety) Standards

Digi TransPort WR11 complies with the requirements of the following Emissions, Immunity and Safety standards.

Emissions	Immunity	Safety
EN 55022: 2010 Class B	EN 550024:2010	EN 60950-1: :2006 + A1:2010 + A11:2009 + A12:2011
FCC 15.109(g):2014 Class B		
FCC 15.109:2014 Class B		
ICES-003:2012 Class B		IEC 60950-1:2005+ A1:2009
EN 55022: 2010 Class B		
FCC 15.107:2014 Class B		
ICES-003:2012 Class B	EN 301 489-07 V1.3.1:2005	UL 60950-1 2nd Ed. Revised 2011-12-19
EN 61000-3-2:2006 (Amended by A1:2009 and A2:2009) Class B		
EN 61000-3-3:2008 Class B		
EN 301 489-07 V1.3.1:2005 Class B		CSA C22.2 No. 60950-1 -07 + A1:2011

There are no user-serviceable parts inside the product. Contact your Digi representative through Digi contact information for repair information.

FCC certifications and regulatory information (USA only)

FCC Part 15 Class B

Radio Frequency Interface (RFI) (FCC 15.105)

This device has been tested and found to comply with the limits for Class B digital devices pursuant to Part 15 Subpart B, of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Labeling Requirements (FCC 15.19)

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received,

including interference that may cause undesired operation. If the FCC ID is not visible when installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module FCC ID.

Modifications (FCC 15.21)

Changes or modifications to this equipment not expressly approved by Digi may void the user's authority to operate this equipment.

Industry Canada (IC) certifications

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la class B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

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